

List of Exceedances of the National Ambient Air Quality Standards

The Hawai'i State Department of Health is required to notify the public whenever the National Ambient Air Quality Standards (NAAQS) are exceeded. The list below shows the most recent exceedances due to an exceptional or natural event (*preliminary data only – subject to change*). For a listing of previous exceedances through 2020, please see the Department of Health, Clean Air Branch web page at <http://health.hawaii.gov/cab/notification-of-exceedance-of-a-national-ambient-air-quality-standard/>.

DATE	MONITORING STATION LOCATION & ISLAND	AIR POLLUTANT	STANDARD TYPE	STANDARD LIMIT	ACTUAL	CAUSE
Dec. 19, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.086 ppm (8-9 a.m.)	volcanic emissions
Dec. 1, 2021	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (noon-1 p.m.)	volcanic emissions
Nov. 27, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.140 ppm (8-9 a.m.)	volcanic emissions
Nov. 24, 2021	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (6-7 a.m.)	volcanic emissions
Nov. 24, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.081 ppm (7-8 a.m.)	volcanic emissions
Nov. 12, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (midnight-1 a.m.)	volcanic emissions
Nov. 11, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.119 ppm (9-10 p.m.)	volcanic emissions
Nov. 11, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.158 ppm (11 p.m.-midnight)	volcanic emissions
Nov. 10, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.147 ppm (2-3 a.m.)	volcanic emissions
Nov. 9, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.211 ppm (4-5 a.m.)	volcanic emissions
Nov. 6, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.081 ppm (7-8 a.m.)	volcanic emissions
Nov. 4, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.112 ppm (4-5 a.m.)	volcanic emissions
Nov. 3, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.095 ppm (5-6 a.m.)	volcanic emissions
Nov. 2, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.167 ppm (4-5 a.m.)	volcanic emissions
Nov. 2, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.098 ppm (5-6 p.m.)	volcanic emissions
Oct. 31, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.084 ppm (8-9 a.m.)	volcanic emissions
Oct. 30, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.127 ppm (10-11 a.m.)	volcanic emissions
Oct. 30, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.184 ppm (5-6 a.m.)	volcanic emissions
Oct. 26, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.102 ppm (8-9 a.m.)	volcanic emissions
Oct. 24, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.089 ppm (1-2 a.m.)	volcanic emissions
Oct. 20, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.093 ppm (8-9 a.m.)	volcanic emissions
Oct. 19, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.104 ppm (8-9 a.m.)	volcanic emissions
Oct. 12, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.531 ppm (5-6 p.m.)	volcanic emissions
Oct. 10, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.131 ppm (10-11 a.m.)	volcanic emissions
Oct. 10, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.087 ppm (3-4 a.m.)	volcanic emissions
Oct. 9, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.296 ppm (4-5 p.m.)	volcanic emissions
Oct. 9, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.592 ppm (9-10 a.m.)	volcanic emissions

Oct. 8, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.116 ppm (1-2 p.m.)	volcanic emissions
Oct. 8, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.420 ppm (8-9 a.m.)	volcanic emissions
Oct. 7, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.277 ppm (9-10 p.m.)	volcanic emissions
Oct. 5, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.117 ppm (8-9 a.m.)	volcanic emissions
Oct. 5, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.115 ppm (3-4 a.m.)	volcanic emissions
Oct. 3, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.225 ppm (9-10 a.m.)	volcanic emissions
Oct. 3, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.128 ppm (7-8 a.m.)	volcanic emissions
Oct. 1, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.304 ppm (9-10 a.m.)	volcanic emissions
Oct. 1, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.179 ppm (8-9 a.m.)	volcanic emissions
Sep. 30, 2021	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.216 ppm (6-7 a.m.)	volcanic emissions
Sep. 30, 2021	Kam Schools, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.123 ppm (6-7 a.m.)	volcanic emissions
Sep. 30, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.128 ppm (9-10 a.m.)	volcanic emissions
Sep. 30, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.544 ppm (5-6 a.m.)	volcanic emissions
Mar. 26, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.084 ppm (3-4 a.m.)	volcanic emissions
Feb. 3, 2021	Hilo, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.078 ppm (9-10 a.m.)	volcanic emissions
Feb. 3, 2021	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.103 ppm (11 p.m.-midnight)	volcanic emissions
Jan. 24, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.099 ppm (7-8 p.m.)	volcanic emissions
Jan. 23, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.092 ppm (6-7 a.m.)	volcanic emissions
Jan. 16, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.079 ppm (3-4 a.m.)	volcanic emissions
Jan. 13, 2021	Mountain View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.082 ppm (1-2 a.m.)	volcanic emissions
Jan. 8, 2021	Ocean View, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.122 ppm (3-4 a.m.)	volcanic emissions
Jan. 7, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.100 ppm (2-3 a.m.)	volcanic emissions
Jan. 5, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.107 ppm (9-10 a.m.)	volcanic emissions
Jan. 3, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.116 ppm (4-5 a.m.)	volcanic emissions
Jan. 2, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.138 ppm (midnight -1 a.m.)	volcanic emissions
Jan. 1, 2021	Pahala, Hawaii	SO ₂	1-hour avg.	0.075 ppm	0.187 ppm (10-11 p.m.)	volcanic emissions

ppm = unit of the standard is in parts per million

µg/m³ = unit of the standard is in micrograms per cubic meter of air